

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,848,161 B1
DATED : February 1, 2005
INVENTOR(S) : Folino et al.

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 1,

Line 4, "Dec. 10" should be -- Feb. 10. --

Line 45, "SD" should be -- so. --

Line 48, after "gasket" and before "v)", insert -- This application is a 371 of PCT/CA00/00128 filed 02/10/2000, and claims benefit of 60/119,390 filed 02/10/1999. --

Line 52, insert:

-- U.S. Pat. No. 5,634,644 employs a two part elastomeric gasket whereby the mating metal part is subjected to induction heating and one section of the gasket is melted and glued into place. Disadvantages to this approach include the need for additional induction heating apparatus, and the requirement of a complicated gasket design whereby the two gasket sections have different compositions but complementary shapes that snap fit together.

Similarly, U.S. Pat. No. 5,513,855 also employs a multi-section gasket, but with a far more complicated design, with three metal plates sandwiched together with engaging tabs that bend against a dowel or bolt when the gasket is placed on an engine cylinder block. U.S. Pat. No. 4,783,087 employs an insert with deformable tabs that engage the gasket. U.S. Pat. No. 4,730,836 also uses an insert with barbs that deform when a retaining bolt is tightened. All of these designs require complicated gasket designs with deformable metal or plastic tabs that frictionally engage an engine part, and are not applicable to the installation of simple elastomeric gaskets into an endless channel prior to final assembly of mating parts.

Summary of Invention

A method is provided for applying an elastomeric gasket to a part having a channel extending into a face thereof for receiving and at least frictionally engaging said gasket, said method comprising the steps of:

- i) obtaining a gasket carrier having a convexly curved surface with a groove for receiving a base of said gasket, said groove being registrable with said channel;
- ii) placing said base of said gasket in said groove;
- iii) juxtaposing said face of said part and said gasket carrier with said gasket aligned with said channel;
- iv) moving said part and said gasket carrier toward each other for a portion of said gasket to enter said channel;
- v) causing a relative rocking movement between said part and said gasket carrier to transfer a remainder of said gasket to said channel; and,
- vi) separating said part and said gasket carrier.

According to one embodiment of the present invention, the part may be held stationary in step iv) and the arched surface with the gasket thereon moved toward the part and in step v), the part may be held stationary and the relative rocking movement carried out by the gasket carrier. --

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Column 4,

Line 8, between "11°" and "about 22°", insert -- to --.

Column 5,

Line 45, "plat" should be -- platen. --

Column 6,

Line 34, "apart" should be -- a part. --

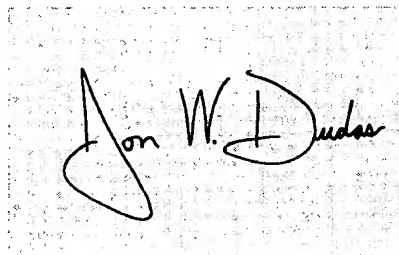
Column 7,

Line 34, "bold" should be -- hold. --

Line 51, "claim 1" should be -- claim 11. --

Signed and Sealed this

Thirty-first Day of May, 2005

A handwritten signature in black ink, reading "Jon W. Dudas", is written over a rectangular area with a light gray grid background.

JON W. DUDAS

Director of the United States Patent and Trademark Office